

Title (en)
Infrared sensitized, photothermographic article.

Title (de)
Infrarot sensibilisiertes, photothermographisches Material.

Title (fr)
Article photothermographique sensible à la radiation infrarouge.

Publication
EP 0627660 A1 19941207 (EN)

Application
EP 94401217 A 19940602

Priority
US 7215393 A 19930604

Abstract (en)
An infrared sensitized photothermographic silver halide element comprising a support layer having on at least one surface thereof a photothermographic composition comprising a binder, a light insensitive silver source, a reducing agent for silver ion and infrared radiation sensitive preformed silver halide grains having number average particle size of <0.10 micron with at least 80% of all grains with +0.05 microns of the average, in combination with an antihalation layer having an absorbance ratio of IR absorbance (before exposure)/visible absorbance (after processing) >30, and an IR absorbance of at least 0.3 within the range of 750-1400 and an optical density of less than 0.03 in the visible region.

IPC 1-7
G03C 1/498; **G03C 1/825**

IPC 8 full level
G03C 1/035 (2006.01); **G03C 1/28** (2006.01); **G03C 1/498** (2006.01); **G03C 1/76** (2006.01); **G03C 1/83** (2006.01); **G03C 5/08** (2006.01); **G03C 8/40** (2006.01)

CPC (source: EP US)
G03C 1/49818 (2013.01 - EP US); **G03C 1/49845** (2013.01 - EP US); **G03C 1/28** (2013.01 - EP US); **G03C 1/49854** (2013.01 - EP US); **G03C 1/825** (2013.01 - EP US); **G03C 1/832** (2013.01 - EP US); **G03C 5/164** (2013.01 - EP US); **G03C 2200/38** (2013.01 - EP US); **Y10S 430/145** (2013.01 - EP US)

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Citation (third parties)
Third party :

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Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0627660 A1 19941207; **EP 0627660 B1 19961211**; **EP 0627660 B2 20031203**; DE 69401096 D1 19970123; DE 69401096 T2 19970710; DE 69401096 T3 20040708; JP 3616130 B2 20050202; JP H0713295 A 19950117; US 6117624 A 20000912; US 6319661 B1 20011120

DOCDB simple family (application)
EP 94401217 A 19940602; DE 69401096 T 19940602; JP 11804794 A 19940531; US 38234299 A 19990824; US 69552200 A 20001024